Remark:

1. Final Level =Receiver Read level + Correct factor
2. Correct factor = Antenna Factor + Cable Loss – Preamplifier Factor
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

15 RADIATED EMISSIONS WHICH FALL IN THE RESTRICTED BANDS

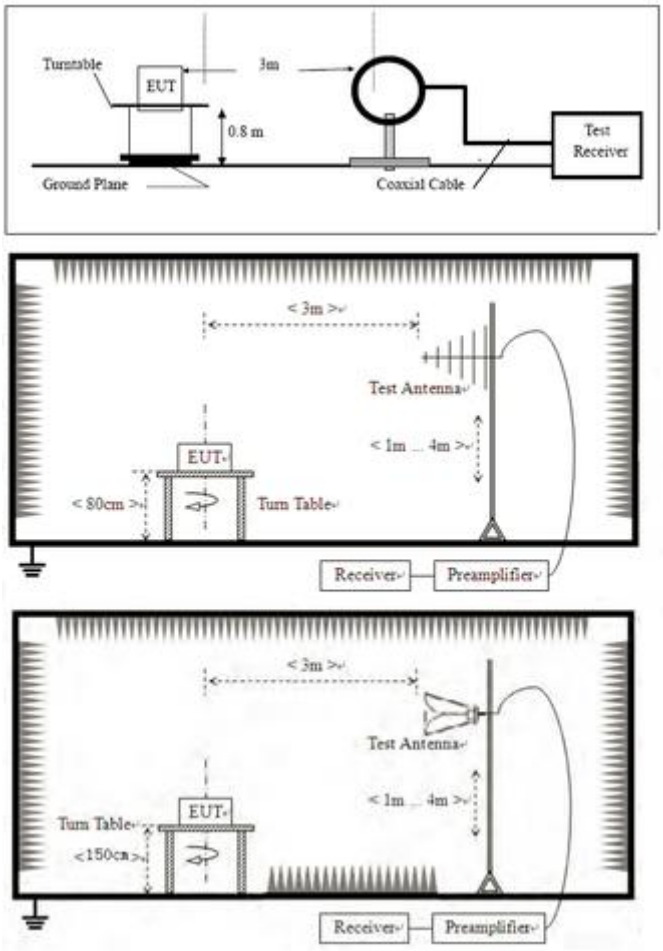
Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.10.5
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

15.1 LIMITS

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

15.2 BLOCK DIAGRAM OF TEST SETUP



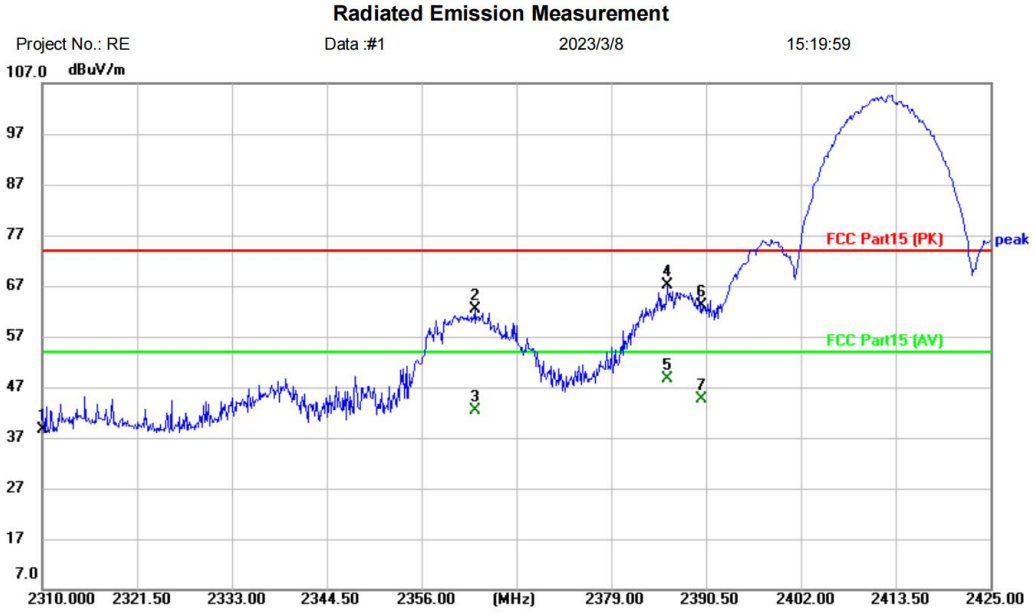
15.3 PROCEDURE

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
j. Repeat above procedures until all frequencies measured was complete.
Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

15.4 TEST DATA

[TestMode: TX 11b low channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11B-TX-L
Note:

Polarization: ***Horizontal***
Power:

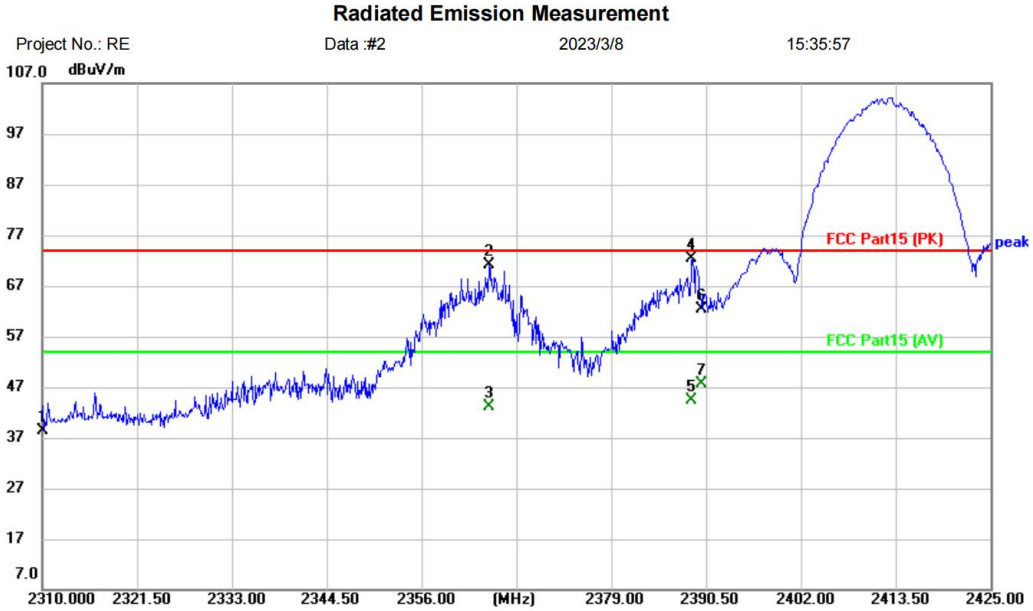
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	43.01	-4.27	38.74	74.00	-35.26	peak	
2		2362.440	66.38	-3.96	62.42	74.00	-11.58	peak	
3		2362.440	46.30	-3.96	42.34	54.00	-11.66	AVG	
4		2385.785	71.02	-3.85	67.17	74.00	-6.83	peak	
5	*	2385.785	52.43	-3.85	48.58	54.00	-5.42	AVG	
6		2390.000	67.05	-3.82	63.23	74.00	-10.77	peak	
7		2390.000	48.44	-3.82	44.62	54.00	-9.38	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11b low channel]; [Polarity: Vertical]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11B-TX-L
Note:

Polarization: *Vertical*
Power:

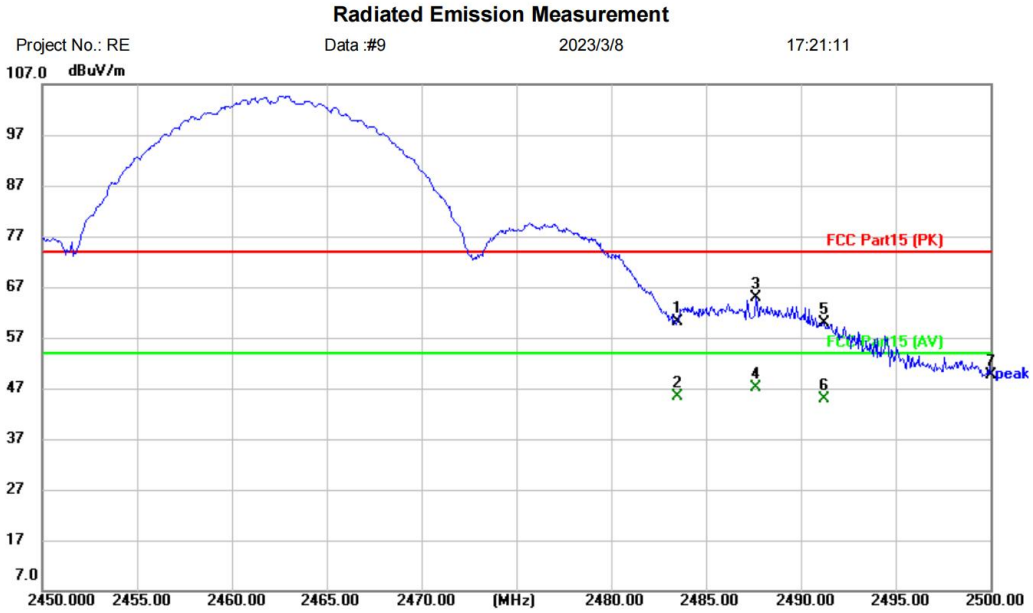
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	42.55	-4.27	38.28	74.00	-35.72	peak	
2		2364.165	75.11	-3.96	71.15	74.00	-2.85	peak	
3		2364.165	47.15	-3.96	43.19	54.00	-10.81	AVG	
4	*	2388.890	76.09	-3.83	72.26	74.00	-1.74	peak	
5		2388.890	48.16	-3.83	44.33	54.00	-9.67	AVG	
6		2390.000	66.29	-3.82	62.47	74.00	-11.53	peak	
7		2390.000	51.44	-3.82	47.62	54.00	-6.38	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11b high channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11B-TX-H
Note:

Polarization: ***Horizontal***
Power:

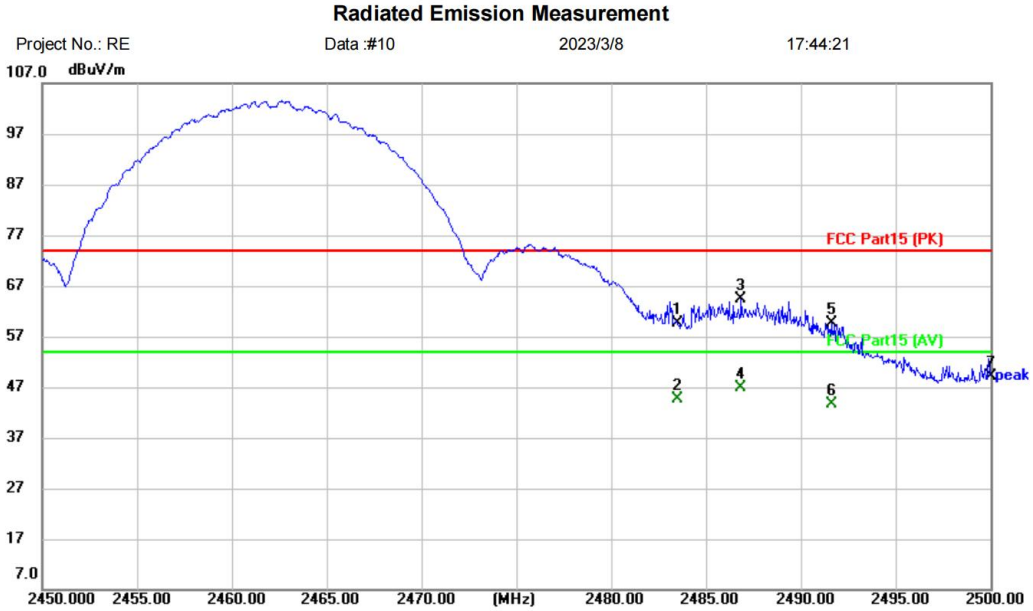
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	64.08	-3.96	60.12	74.00	-13.88	peak	
2		2483.500	49.22	-3.96	45.26	54.00	-8.74	AVG	
3		2487.600	68.88	-3.97	64.91	74.00	-9.09	peak	
4	*	2487.600	51.20	-3.97	47.23	54.00	-6.77	AVG	
5		2491.250	63.81	-3.97	59.84	74.00	-14.16	peak	
6		2491.250	48.81	-3.97	44.84	54.00	-9.16	AVG	
7		2500.000	53.55	-4.00	49.55	74.00	-24.45	peak	

*:Maximum data x:Over limit !:over margin (Reference Only

Test Result: Pass

[TestMode: TX 11b high channel]; [Polarity: Vertical]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11B-TX-H
Note:

Polarization: *Vertical*
Power:

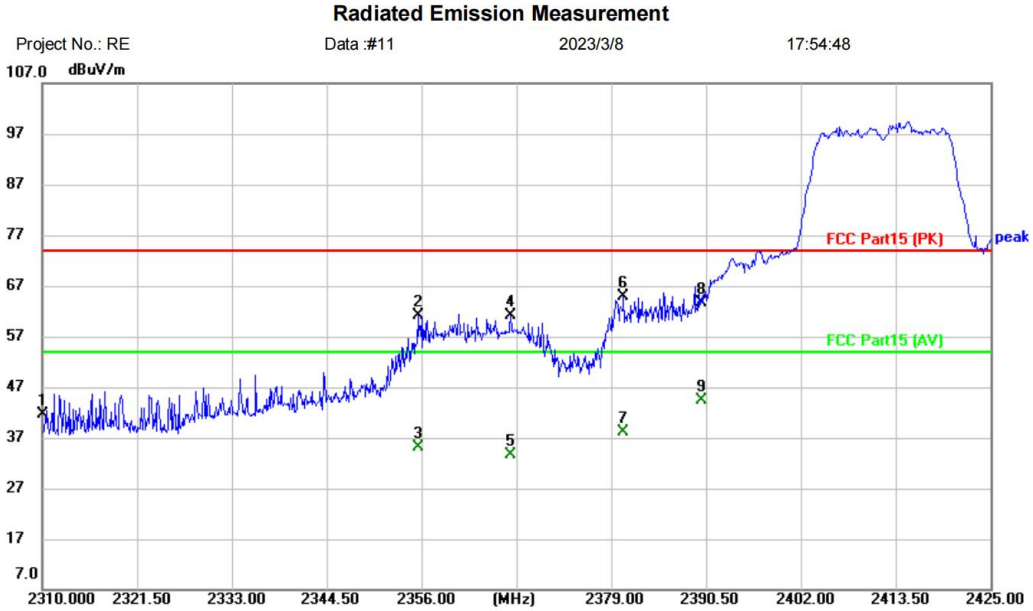
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	63.48	-3.96	59.52	74.00	-14.48	peak	
2		2483.500	48.66	-3.96	44.70	54.00	-9.30	AVG	
3		2486.850	68.26	-3.97	64.29	74.00	-9.71	peak	
4	*	2486.850	50.92	-3.97	46.95	54.00	-7.05	AVG	
5		2491.600	63.55	-3.97	59.58	74.00	-14.42	peak	
6		2491.600	47.56	-3.97	43.59	54.00	-10.41	AVG	
7		2500.000	53.11	-4.00	49.11	74.00	-24.89	peak	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11g low channel]; [Polarity: Vertical]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11G-TX-L
Note:

Polarization: *Vertical*
Power:

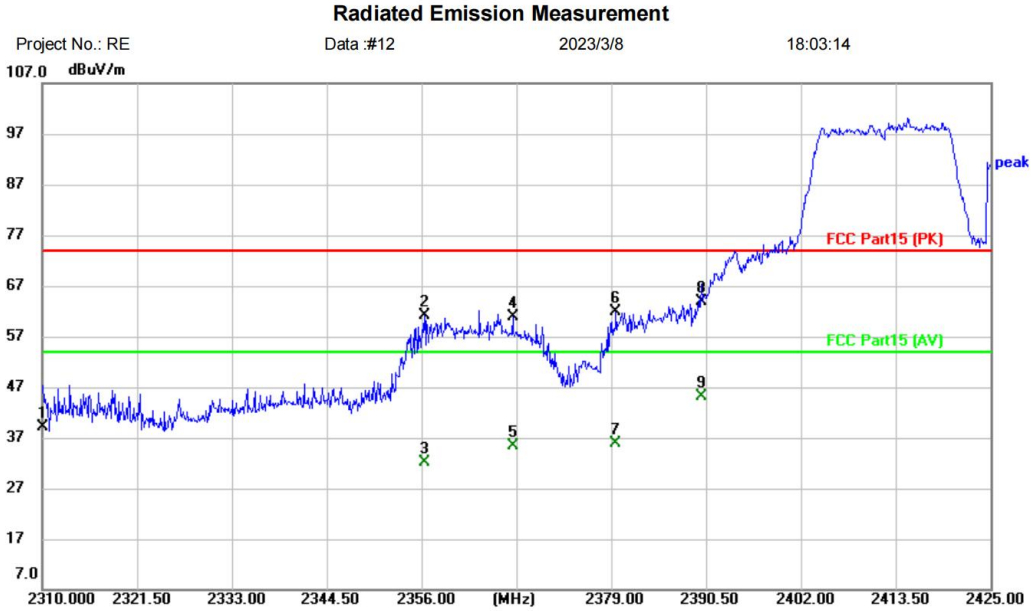
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	45.82	-4.27	41.55	74.00	-32.45	peak	
2		2355.540	65.13	-4.01	61.12	74.00	-12.88	peak	
3		2355.540	39.22	-4.01	35.21	54.00	-18.79	AVG	
4		2366.810	65.08	-3.95	61.13	74.00	-12.87	peak	
5		2366.810	37.57	-3.95	33.62	54.00	-20.38	AVG	
6	*	2380.495	68.74	-3.88	64.86	74.00	-9.14	peak	
7		2380.495	42.12	-3.88	38.24	54.00	-15.76	AVG	
8		2390.000	67.50	-3.82	63.68	74.00	-10.32	peak	
9		2390.000	48.31	-3.82	44.49	54.00	-9.51	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11g low channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11G-TX-L
Note:

Polarization: ***Horizontal***
Power:

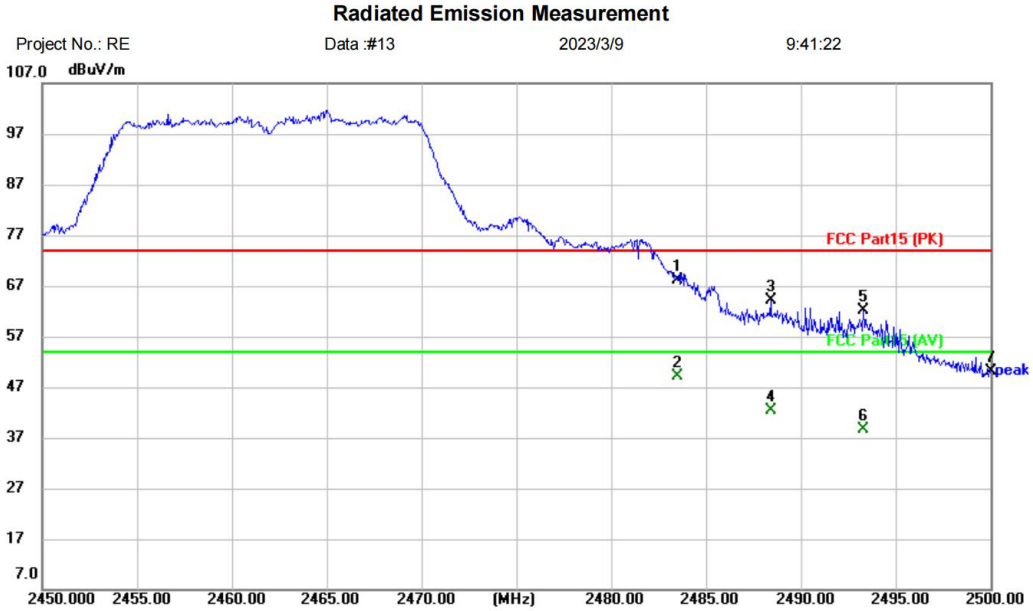
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	43.50	-4.27	39.23	74.00	-34.77	peak	
2		2356.345	65.05	-4.00	61.05	74.00	-12.95	peak	
3		2356.345	36.11	-4.00	32.11	54.00	-21.89	AVG	
4		2367.040	64.89	-3.95	60.94	74.00	-13.06	peak	
5		2367.040	39.21	-3.95	35.26	54.00	-18.74	AVG	
6		2379.575	65.86	-3.88	61.98	74.00	-12.02	peak	
7		2379.575	39.65	-3.88	35.77	54.00	-18.23	AVG	
8		2390.000	67.77	-3.82	63.95	74.00	-10.05	peak	
9	*	2390.000	48.96	-3.82	45.14	54.00	-8.86	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11g high channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11G-TX-H
Note:

Polarization: ***Horizontal***
Power:

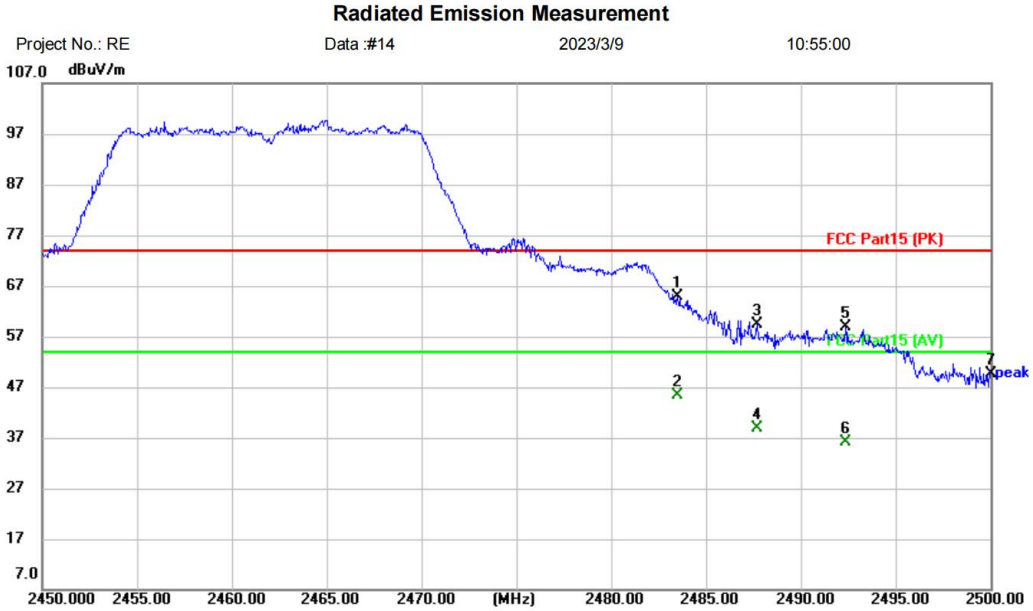
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	72.02	-3.96	68.06	74.00	-5.94	peak	
2	*	2483.500	53.01	-3.96	49.05	54.00	-4.95	AVG	
3		2488.400	68.05	-3.97	64.08	74.00	-9.92	peak	
4		2488.400	46.40	-3.97	42.43	54.00	-11.57	AVG	
5		2493.300	66.02	-3.98	62.04	74.00	-11.96	peak	
6		2493.300	42.71	-3.98	38.73	54.00	-15.27	AVG	
7		2500.000	54.10	-4.00	50.10	74.00	-23.90	peak	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11g high channel]; [Polarity: Vertical]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11G-TX-H
Note:

Polarization: *Vertical*
Power:

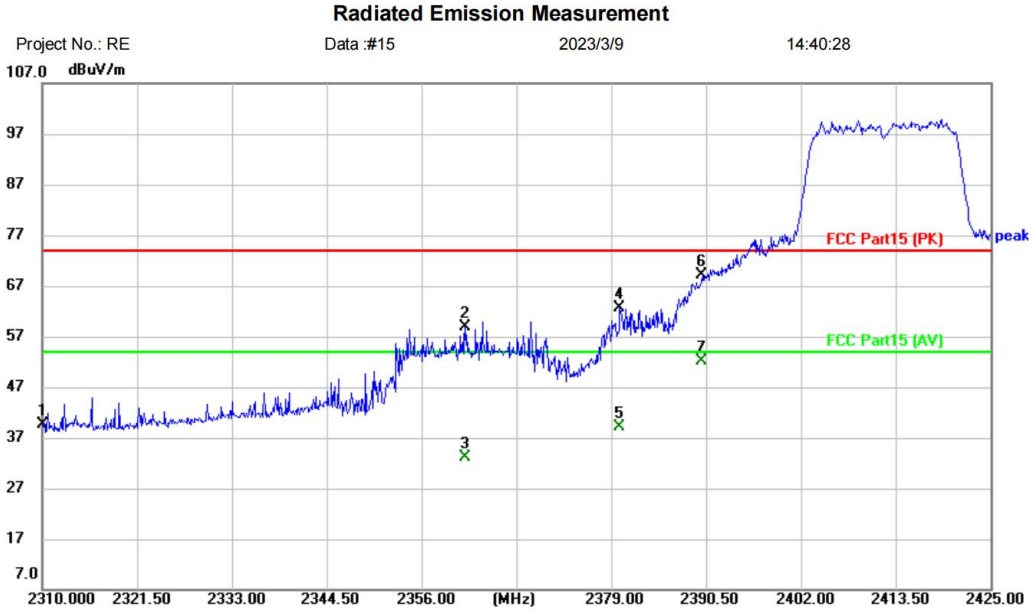
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	68.75	-3.96	64.79	74.00	-9.21	peak	
2	*	2483.500	49.22	-3.96	45.26	54.00	-8.74	AVG	
3		2487.700	63.47	-3.97	59.50	74.00	-14.50	peak	
4		2487.700	42.92	-3.97	38.95	54.00	-15.05	AVG	
5		2492.350	62.93	-3.98	58.95	74.00	-15.05	peak	
6		2492.350	40.19	-3.98	36.21	54.00	-17.79	AVG	
7		2500.000	53.52	-4.00	49.52	74.00	-24.48	peak	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11n20 low channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11N20-TX-L
Note:

Polarization: ***Horizontal***
Power:

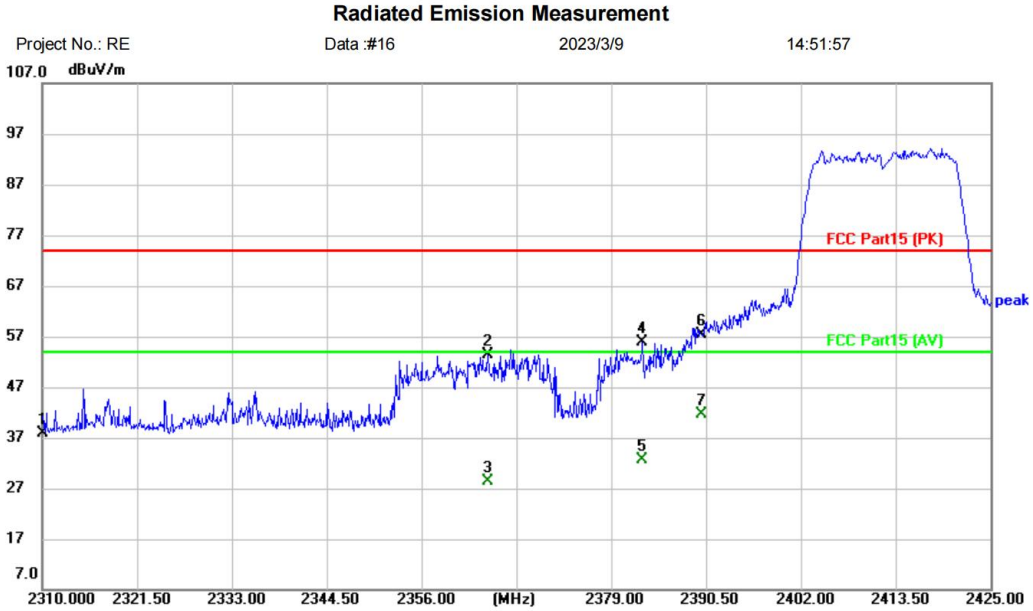
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	43.88	-4.27	39.61	74.00	-34.39	peak	
2		2361.290	62.75	-3.98	58.77	74.00	-15.23	peak	
3		2361.290	37.11	-3.98	33.13	54.00	-20.87	AVG	
4		2380.035	66.61	-3.88	62.73	74.00	-11.27	peak	
5		2380.035	43.09	-3.88	39.21	54.00	-14.79	AVG	
6		2390.000	72.97	-3.82	69.15	74.00	-4.85	peak	
7	*	2390.000	55.92	-3.82	52.10	54.00	-1.90	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11n20 low channel]; [Polarity: Vertical]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11N20-TX-L
Note:

Polarization: *Vertical*
Power:

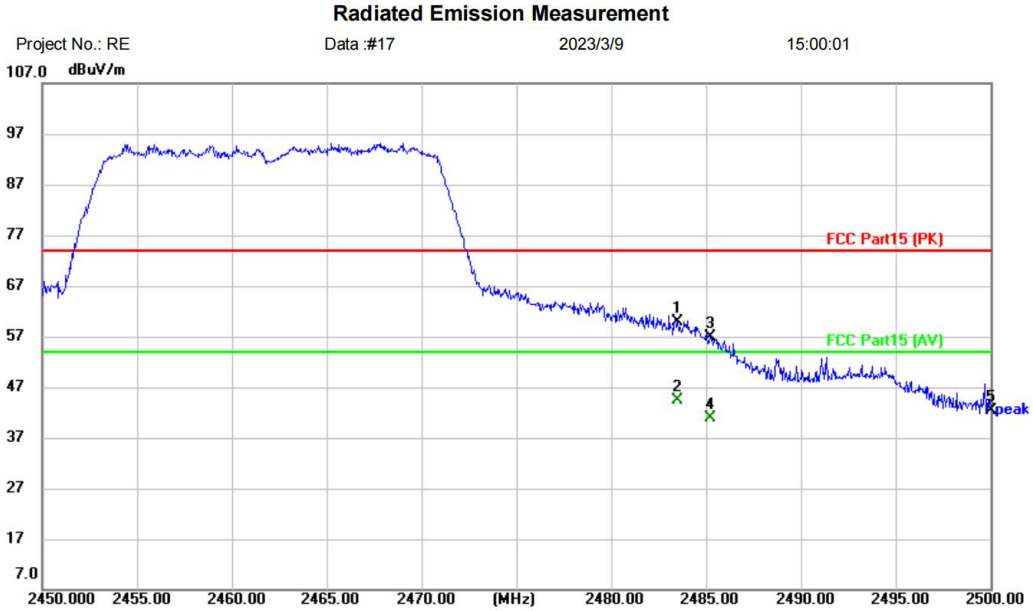
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	42.10	-4.27	37.83	74.00	-36.17	peak	
2		2364.050	57.22	-3.96	53.26	74.00	-20.74	peak	
3		2364.050	32.22	-3.96	28.26	54.00	-25.74	AVG	
4		2382.795	59.81	-3.86	55.95	74.00	-18.05	peak	
5		2382.795	36.39	-3.86	32.53	54.00	-21.47	AVG	
6		2390.000	61.14	-3.82	57.32	74.00	-16.68	peak	
7	*	2390.000	45.49	-3.82	41.67	54.00	-12.33	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11n20 high channel]; [Polarity: Vertical]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11N20-TX-H
Note:

Polarization: *Vertical*
Power:

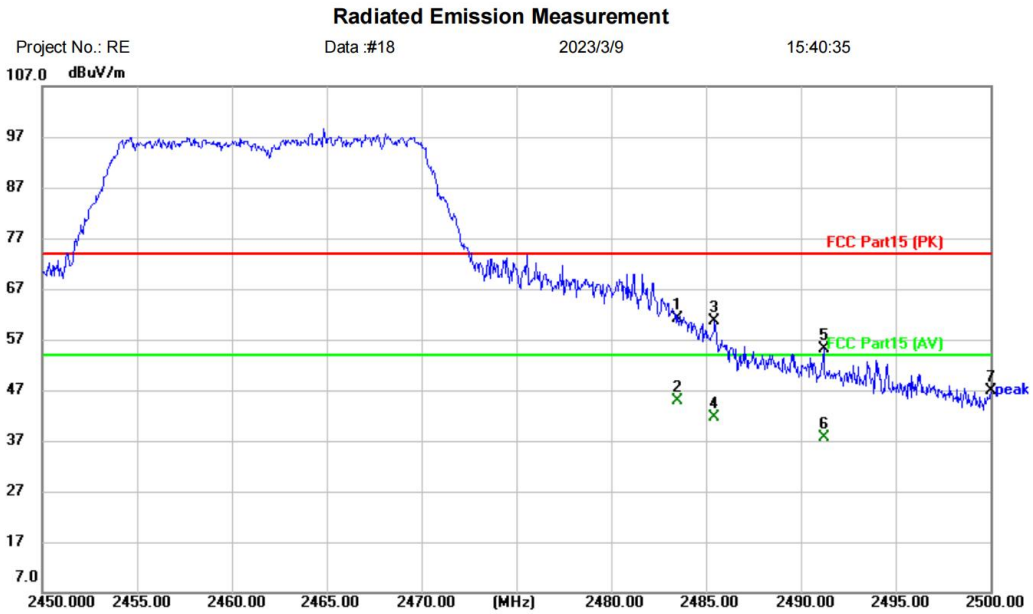
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	63.87	-3.96	59.91	74.00	-14.09	peak	
2	*	2483.500	48.38	-3.96	44.42	54.00	-9.58	AVG	
3		2485.200	60.76	-3.97	56.79	74.00	-17.21	peak	
4		2485.200	44.73	-3.97	40.76	54.00	-13.24	AVG	
5		2500.000	46.47	-4.00	42.47	74.00	-31.53	peak	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11n20 high channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11N20-TX-H
Note:

Polarization: ***Horizontal***
Power:

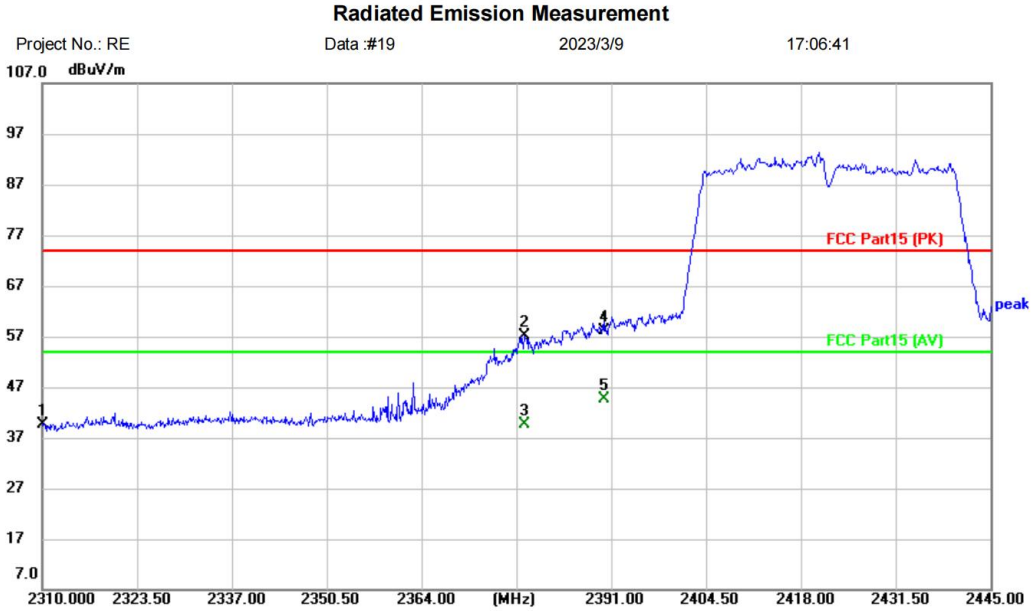
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	65.01	-3.96	61.05	74.00	-12.95	peak	
2	*	2483.500	48.88	-3.96	44.92	54.00	-9.08	AVG	
3		2485.450	64.66	-3.97	60.69	74.00	-13.31	peak	
4		2485.450	45.48	-3.97	41.51	54.00	-12.49	AVG	
5		2491.200	59.04	-3.97	55.07	74.00	-18.93	peak	
6		2491.200	41.63	-3.97	37.66	54.00	-16.34	AVG	
7		2500.000	50.77	-4.00	46.77	74.00	-27.23	peak	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11n40 low channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11N40-TX-L
Note:

Polarization: ***Horizontal***
Power:

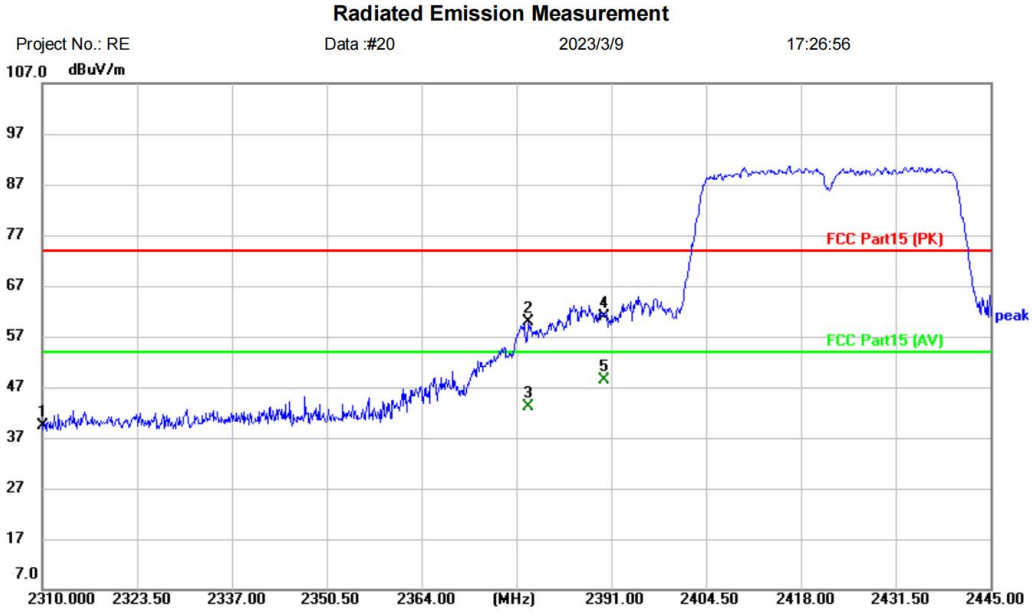
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	43.91	-4.27	39.64	74.00	-34.36	peak	
2		2378.715	61.11	-3.88	57.23	74.00	-16.77	peak	
3		2378.715	43.48	-3.88	39.60	54.00	-14.40	AVG	
4		2390.000	61.84	-3.82	58.02	74.00	-15.98	peak	
5	*	2390.000	48.33	-3.82	44.51	54.00	-9.49	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11n40 low channel]; [Polarity: Vertical]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11N40-TX-L
Note:

Polarization: *Vertical*
Power:

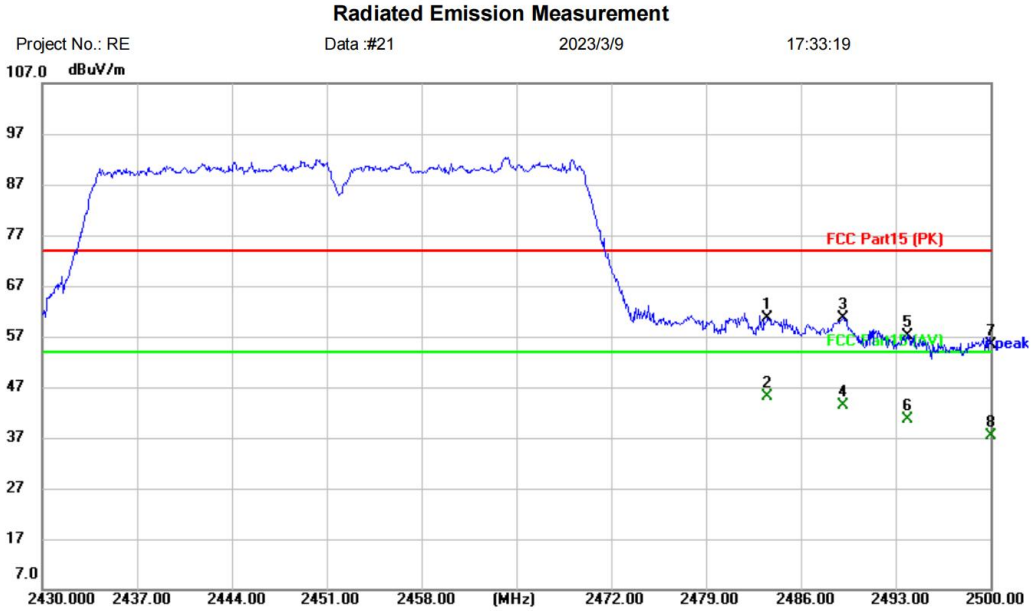
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2310.000	43.54	-4.27	39.27	74.00	-34.73	peak	
2		2379.255	63.67	-3.88	59.79	74.00	-14.21	peak	
3		2379.255	46.97	-3.88	43.09	54.00	-10.91	AVG	
4		2390.000	64.64	-3.82	60.82	74.00	-13.18	peak	
5	*	2390.000	52.12	-3.82	48.30	54.00	-5.70	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11n40 high channel]; [Polarity: Vertical]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11N40-TX-H
Note:

Polarization: *Vertical*
Power:

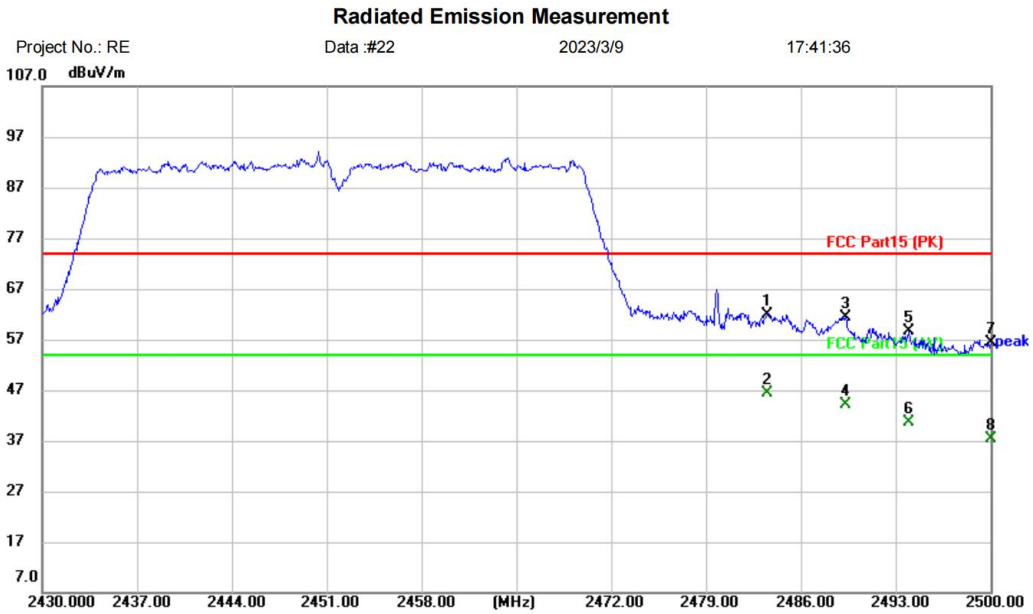
Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	64.51	-3.96	60.55	74.00	-13.45	peak	
2	*	2483.500	49.11	-3.96	45.15	54.00	-8.85	AVG	
3		2489.150	64.72	-3.97	60.75	74.00	-13.25	peak	
4		2489.150	47.26	-3.97	43.29	54.00	-10.71	AVG	
5		2493.910	61.23	-3.98	57.25	74.00	-16.75	peak	
6		2493.910	44.71	-3.98	40.73	54.00	-13.27	AVG	
7		2500.000	59.40	-4.00	55.40	74.00	-18.60	peak	
8		2500.000	41.43	-4.00	37.43	54.00	-16.57	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

[TestMode: TX 11n40 high channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: OutdoorCam P1 Lite
M/N: C4L
Mode: 2.4GWIFI 11N40-TX-H
Note:

Polarization: ***Horizontal***
Power:

Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	65.87	-3.96	61.91	74.00	-12.09	peak	
2	*	2483.500	50.32	-3.96	46.36	54.00	-7.64	AVG	
3		2489.290	65.46	-3.98	61.48	74.00	-12.52	peak	
4		2489.290	48.03	-3.98	44.05	54.00	-9.95	AVG	
5		2493.980	62.67	-3.98	58.69	74.00	-15.31	peak	
6		2493.980	44.64	-3.98	40.66	54.00	-13.34	AVG	
7		2500.000	60.37	-4.00	56.37	74.00	-17.63	peak	
8		2500.000	41.49	-4.00	37.49	54.00	-16.51	AVG	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Test Result: Pass

Remark:

1. Final Level =Receiver Read level + Correct factor
2. Correct factor = Antenna Factor + Cable Loss – Preamplifier Factor
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

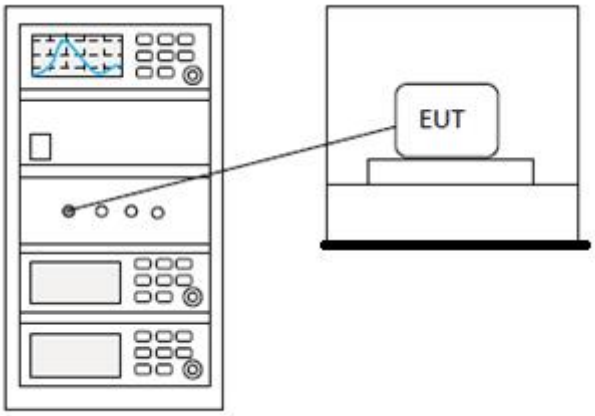
16 CONDUCTED SPURIOUS EMISSIONS

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

16.1 LIMITS

Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

16.2 BLOCK DIAGRAM OF TEST SETUP



16.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

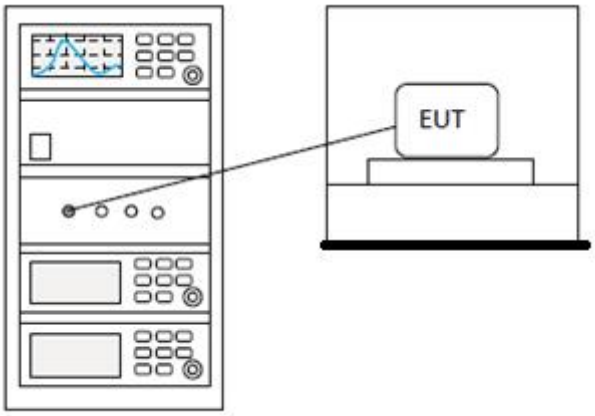
17 CONDUCTED BAND EDGES MEASUREMENT

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

17.1 LIMITS

Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

17.2 BLOCK DIAGRAM OF TEST SETUP



17.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

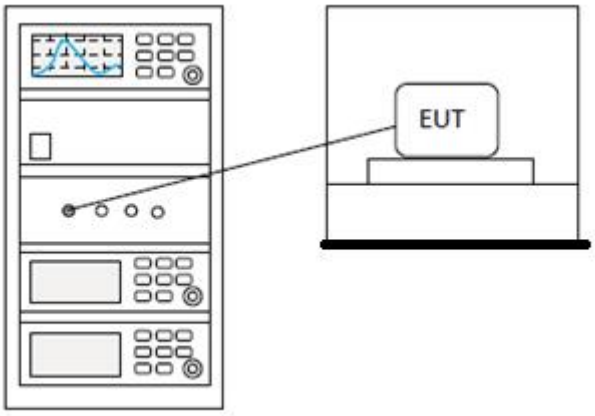
18 MINIMUM 6DB BANDWIDTH

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 11.8.1
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25℃
Humidity	60%

18.1 LIMITS

Limit:	≥500 kHz

18.2 BLOCK DIAGRAM OF TEST SETUP



18.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

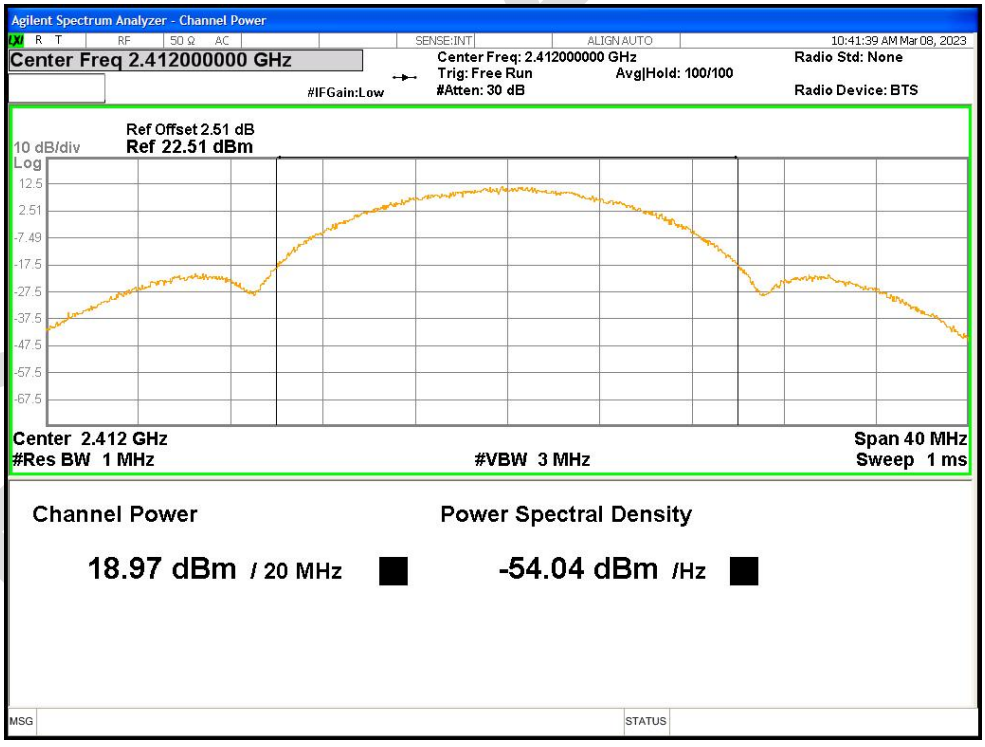
19 APPENDIX

Appendix1

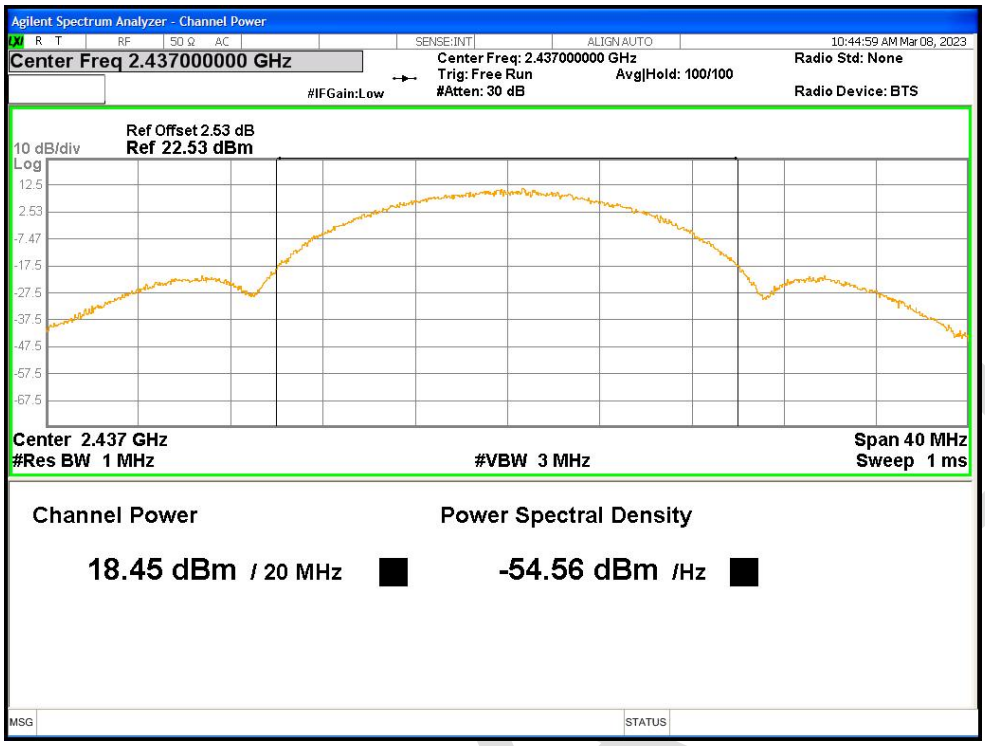
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	18.966	30	Pass
NVNT	b	2437	Ant1	18.449	30	Pass
NVNT	b	2462	Ant1	18.903	30	Pass
NVNT	g	2412	Ant1	15.685	30	Pass
NVNT	g	2437	Ant1	15.231	30	Pass
NVNT	g	2462	Ant1	15.644	30	Pass
NVNT	n20	2412	Ant1	15.813	30	Pass
NVNT	n20	2437	Ant1	15.319	30	Pass
NVNT	n20	2462	Ant1	15.712	30	Pass
NVNT	n40	2422	Ant1	16.17	30	Pass
NVNT	n40	2437	Ant1	16.067	30	Pass
NVNT	n40	2452	Ant1	16.114	30	Pass

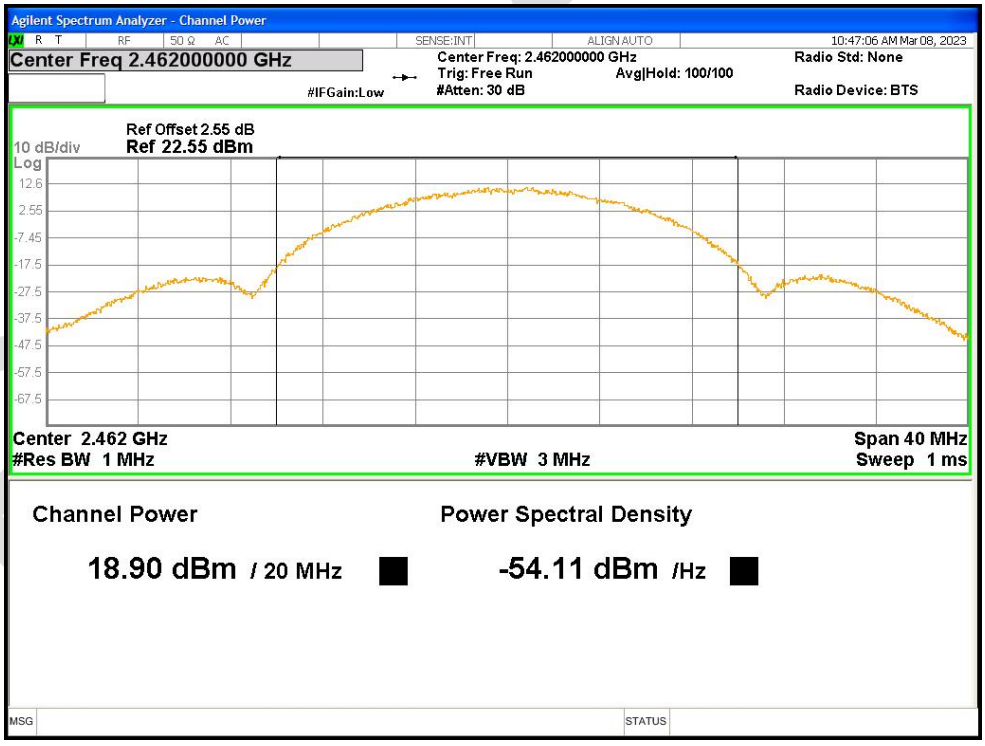
Power NVNT b 2412MHz Ant1



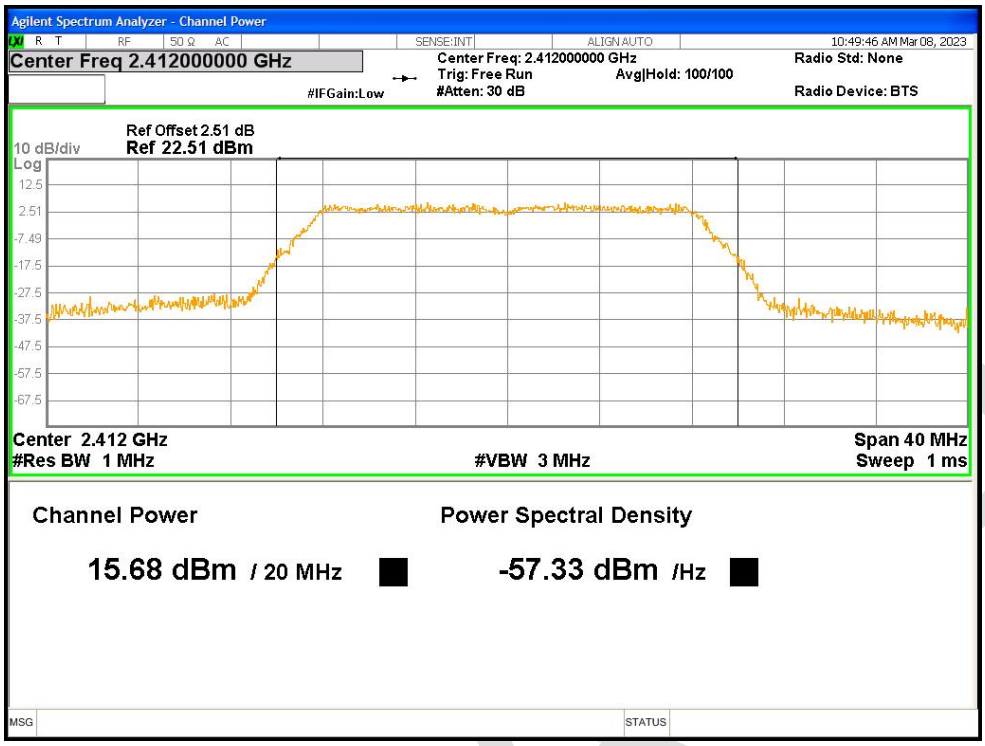
Power NVNT b 2437MHz Ant1



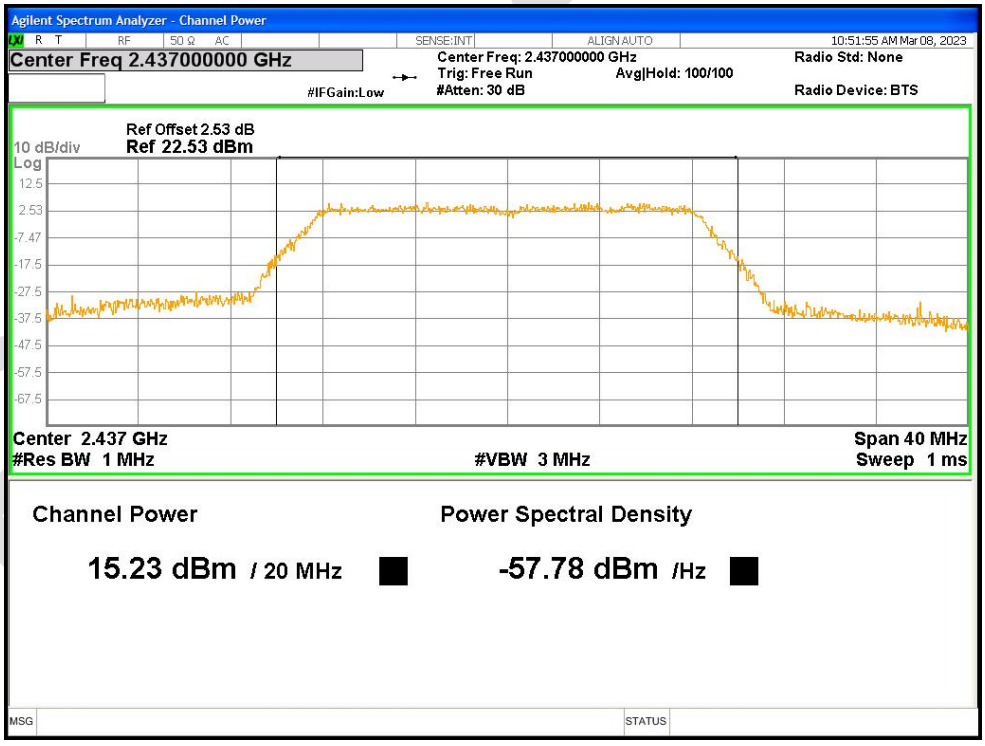
Power NVNT b 2462MHz Ant1



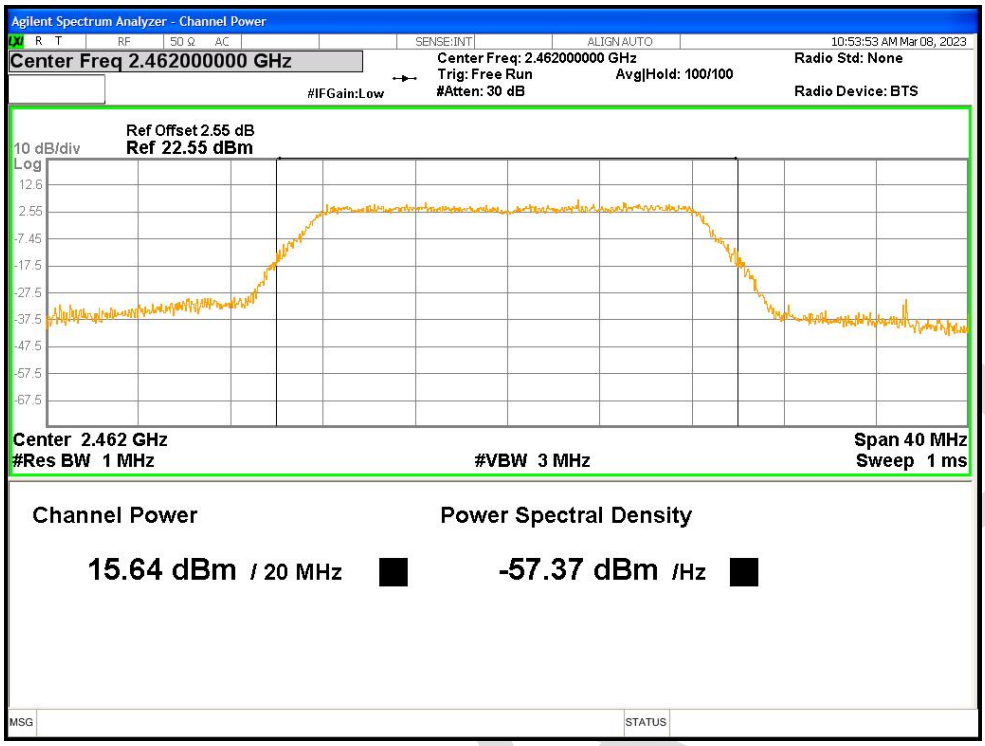
Power NVNT g 2412MHz Ant1



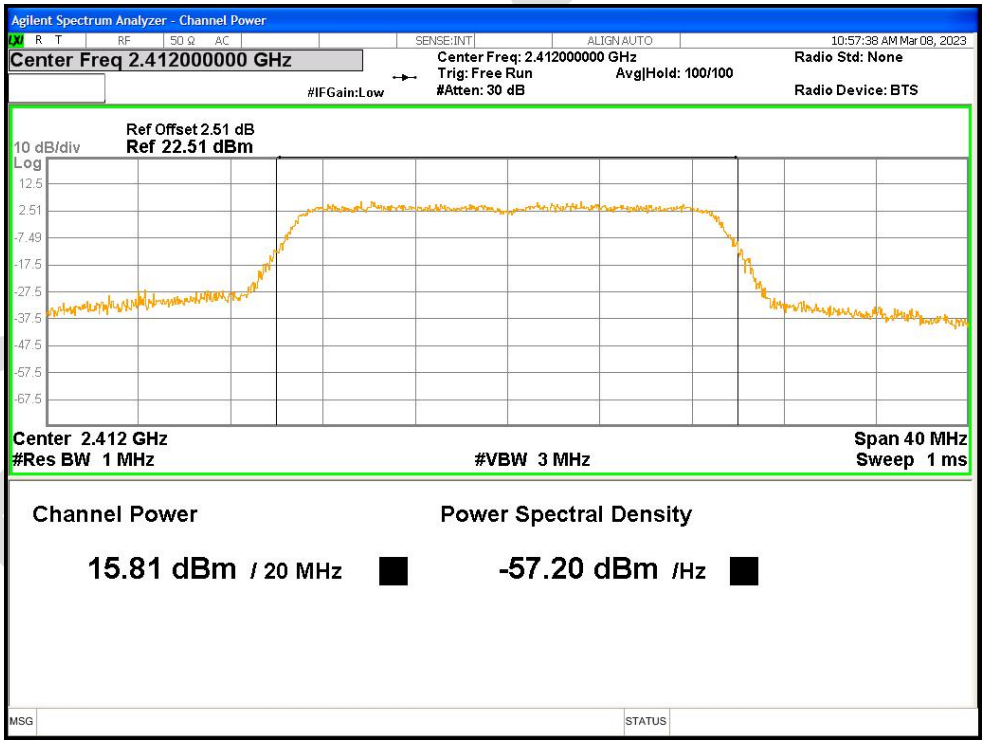
Power NVNT g 2437MHz Ant1



Power NVNT g 2462MHz Ant1



Power NVNT n20 2412MHz Ant1



Power NVNT n20 2437MHz Ant1